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Date: November 4, 2004
Fax: (703) 872-9306
To: U.S. Patent and Trademark Office
From: David J. McKenzie
Re: 09/689,488

Number of Pages including cover: 4

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I hereby certify that this correspondence is being transmitted by fax to the U.S. Patent and Trademark office to fax number

703-872-9306, on November 4, 2004.

David M. [Signature]
Attorney for Applicant

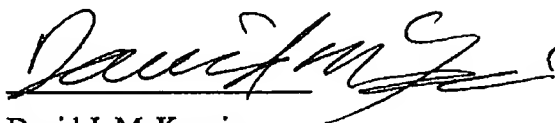
PATENT**Client No. SJO0-00-044****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****Applicant:** Kevin F. Smith**Serial No.:** 09/689,488**Filed:** 10/12/2000**For:** PRESCHEDULING SEQUENTIAL DATA
PREFETCHES IN A PREEXISTING LRU CACHE**Examiner:** Zhuo H. Li**Group Art
Unit: 2186****SUBMISSION OF FEES**

Honorable Commissioner of
Patents and Trademarks
Alexandria, VA 22313-1450

Dear Sir:

Applicant respectfully submits the attached fees for the above reference patent application, and requests that this case be promptly released for examination by Examiner Li. In the event any questions or concerns remain, the Examiner is respectfully requested to initiate a telephone conference with the undersigned.

Respectfully submitted,



David J. McKenzie
Reg. No. 46,919
Attorney for Applicant

Date: November 4, 2004

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PTO/SB/05 (12/97)

Approved for use through 9/30/05. CMB 0631-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTALNote: Effective October 1, 2004.
Patent fees are subject to annual revision.**Complete If Known**

| | |
|------------------------|-----------------|
| Application Number | 09/889,488 |
| Filing Date | October 12, 200 |
| First Named Inventor | Kevin F. Smith |
| Group Art Unit | 2188 |
| Examiner Name | Zhuo H. U |
| Attorney Docket Number | SJO0-00-044 |

TOTAL AMOUNT OF PAYMENT \$778**METHOD OF PAYMENT (check one)**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 09-0466Deposit Account Name: IBM CORPORATION

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐
- Charge the Issue Fee In 37 CFR at the Mailing of the Notice of Allowance

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Money Order ☐ Other**FEE CALCULATION****1. FILING FEE**

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-------------|
| 1001 | 790 | 2001 | 395 | Utility filing fee | |
| 1002 | 350 | 2002 | 175 | Design filing fee | |
| 1003 | 550 | 2003 | 275 | Plant filing fee | |
| 1004 | 790 | 2004 | 395 | Reissue filing fee | |
| 1005 | 180 | 2005 | 80 | Provisional filing fee | |
| SUBTOTAL (1) | | | | | \$ 0 |

2. CLAIMS

| Total Claims | Extra | Fee from below | Fee Paid |
|----------------------|-------|----------------|----------|
| 7 | -20 = | 1 x 18 = | 18 |
| 7 | -3 = | 5 x 88 = | 440 |
| Multiple Dep. Claims | 0 x | 300 = | 0 |

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|-----------------------|-----------------------|-----------------------|-----------------------|---|------------|
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 | |
| 1201 | 88 | 2201 | 44 | Independent claims in excess of 3 | |
| 1203 | 300 | 2203 | 150 | Multiple dependent claim | |
| 1204 | 88 | 2204 | 44 | Reissue independent claims over original patent | |
| 1205 | 18 | 2205 | 9 | Reissue claims in excess of 20 end over original patent | |
| SUBTOTAL (2) | | | | | 458 |

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2520 | 1812 | 2520 | For filing a request for reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1840* | 1805 | 1840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 430 | 2252 | 215 | Extension for reply within second month | 320 |
| 1253 | 980 | 2253 | 490 | Extension for reply within third month | |
| 1254 | 1530 | 2254 | 765 | Extension for reply within fourth month | |
| 1255 | 2080 | 2255 | 1040 | Extension for reply within fifth month | |
| 1401 | 340 | 2401 | 170 | Notice of Appeal | |
| 1402 | 340 | 2402 | 170 | Filing a brief in support of an appeal | |
| 1403 | 300 | 2403 | 150 | Request for oral hearing | |
| 1451 | 1510 | 1451 | 1510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive -unavoidably | |
| 1453 | 1370 | 2453 | 685 | Petition to revive - unintentional | |
| 1501 | 1370 | 2501 | 685 | Utility issue fee | |
| 1502 | 490 | 2502 | 245 | Design issue fee | |
| 1503 | 680 | 2503 | 330 | Plant issue fee | |
| 1480 | 130 | 1480 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Petitions related to provisional applications | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1801 | 790 | 2801 | 395 | Request for continued examination (RCE) (37 CFR 1.114) | |
| 1810 | 790 | 2810 | 395 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 790 | 2810 | 395 | For each additional invention to be examined (37 CFR 1.129(b)) | |

Other fee (specify) _____

SUBTOTAL (2)**458**

*Reduced by Basic Filing Fee

SUBTOTAL (3)**\$ 320****SUBMITTED BY**Typed or Printed Name David J. McKenzieSignature David J. McKenzie

Date

Nov 4, 2004**Complete (if applicable)**

Reg. Number

46,919

Deposit Account User ID

Burden Hour Statement: This form is estimated to take 0.3 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.